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ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

THE TREES AND SHRUBS OF BRITAIN,

Native and Foreign, Hardy and Half-Hardy,

PICTORIALLY AND BOTANICALLY DELINEATED,

AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,

AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN

LANDSCAPE-GARDENING;

PRECEDED BY A HISTORICAL AND GEOGRAPHICAL OUTLINE OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES THROUGHOUT THE WORLD.

BY J. C. LOUDON, F.L. & H.S., &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE.

IN EIGHT VOLUMES:

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS; AND FOUR OF OCTAVO AND QUARTO PLATES.

VOL. V.

THE PLATES FROM MAGNOLIA`CEÆ TO LEGUMINO`SÆ INCLUSIVE.

SECOND EDITION.

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The large-flowered *evergreen* Magnolia.

13½ ft. high, 3 in. diam.

Magnòlia grandiflòra exoniénsis.

The large-flowered *evergreen* Exeter Magnolia.

13½ ft. high, 3 in. diam.

Magnòlia glaúca.

The glaucous-*leaved deciduous* Magnolia.

13 ft. high, 4 in. diam.

Magnòlia glaúca Thompsoniàna.

Thompson's glaucous-*leaved deciduous* Magnolia.

12½ ft. high, 3 in. diam.

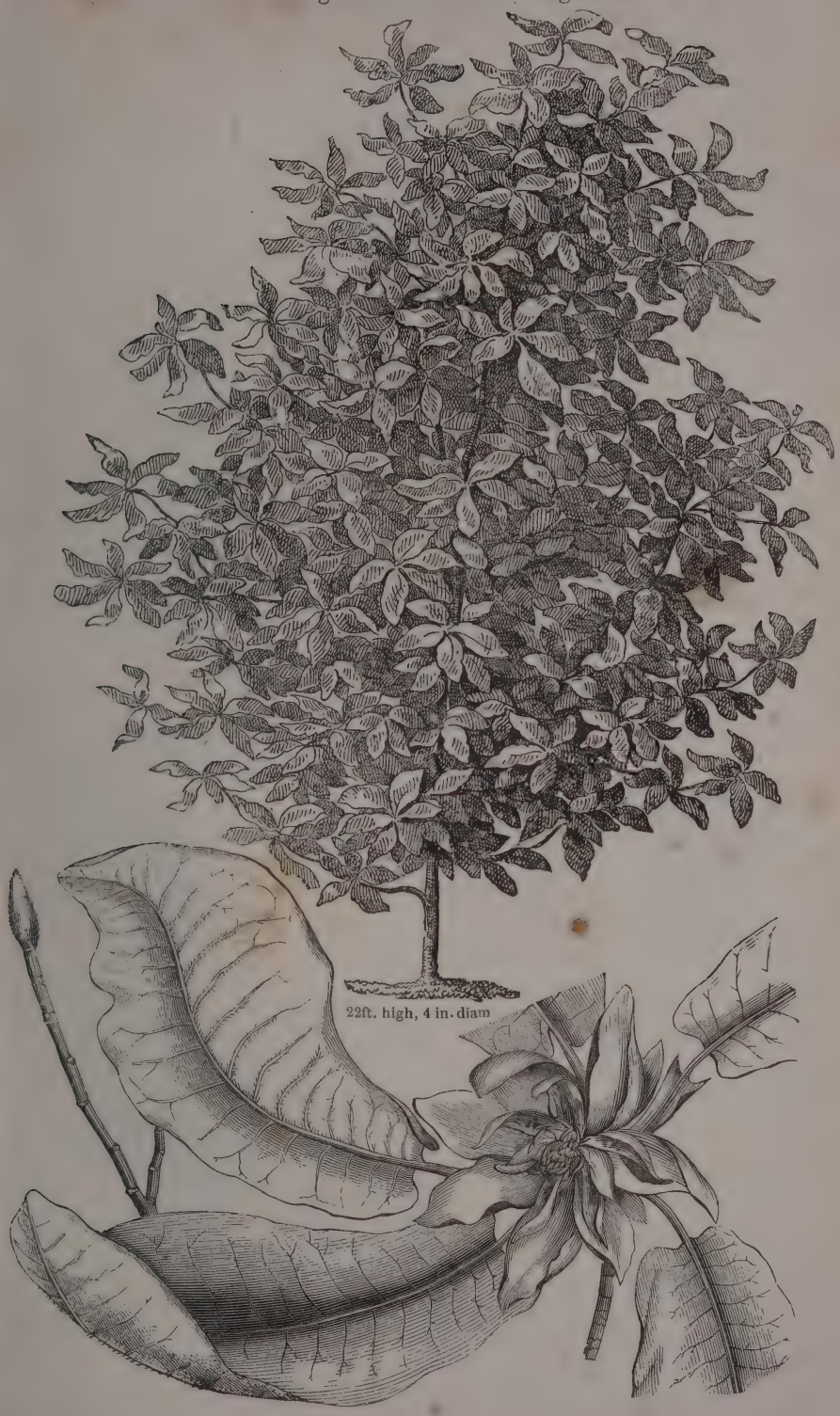
Magnòlia tripétala.

The three-petaled-*flowered deciduous* Magnolia.

12⅞ ft high, 3⅓ in. diam.

Magnòlia macrophýlla.

The large-leaved *deciduous* Magnolia.



22ft. high, 4 in. diam

Magnòlia acuminàta.

The pointed-*leaved* Magnolia.

20 ft. high, 6 in. diam.

Magnòlia acuminàta.

The pointed-*leaved* Magnolia.

Full-grown tree at Syon; 49 ft. high, diam. of the trunk 3 ft., and of the head 48 ft.
[Scale 1 in. to 12 ft.]

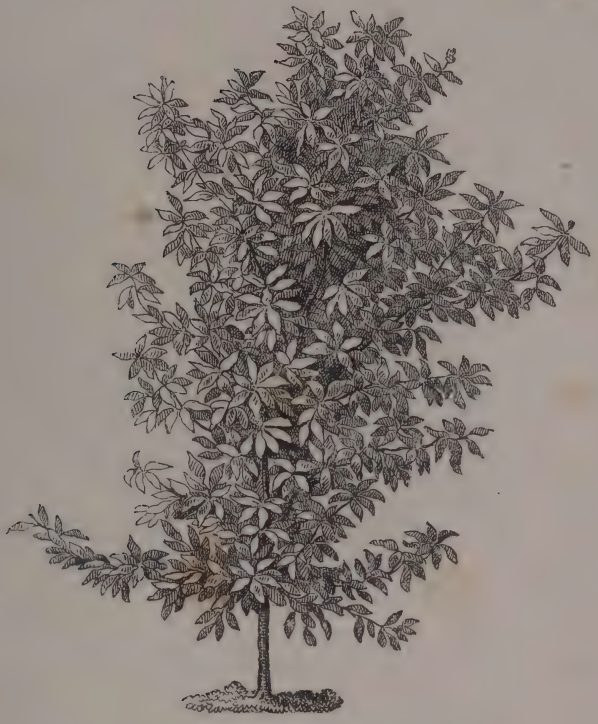
Magnòlia cordàta.

The heart-shaped-*leaved deciduous* Magnolia.

12½ ft. high, 4½ in. diam.

Magnòlia auriculàta.

The ear-*leaved deciduous* Magnolia.



14½ ft. high, 3 in. diam.

Magnòlia (*auriculàta*) *pyramidàta.*

The pyramidal *deciduous* (ear-*leaved*) Magnolia.

13 ft. high, 2½ in. diam.

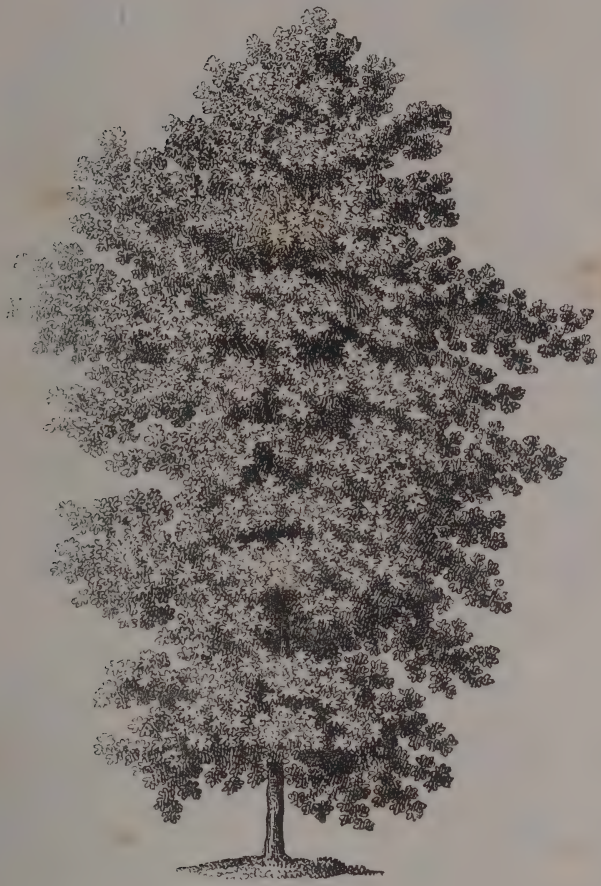
Magnòlia conspícua.

The conspicuous-*flowered, or Yulan,* Magnolia.

14 ft. high, 4½ in. diam.

Liriodéndron Tulipífera.

The Tulip tree.



18 ft. high, 4½ in. diam.

The Tulip-bearing Liriodendron, *or the Tulip tree.*

Full-grown tree at Syon, 76 ft. high.
[Scale 1 in. to 12 ft.]

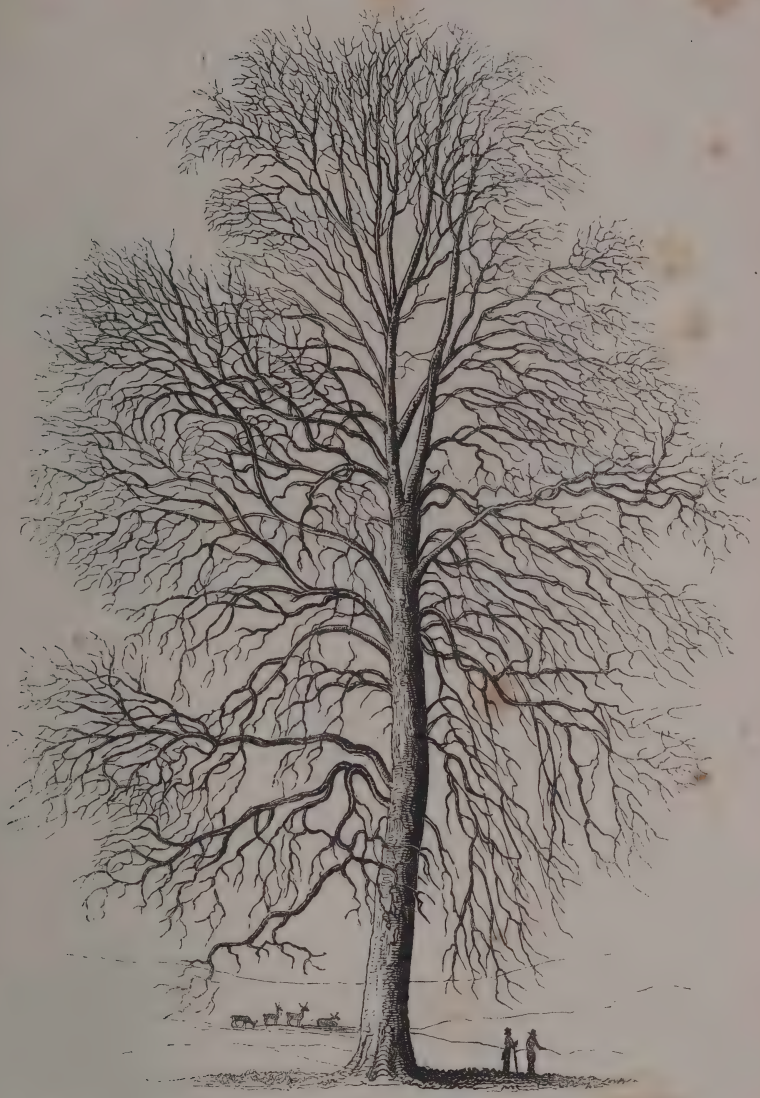
Tília europæ`a.

The European, *or common,* Lime tree.

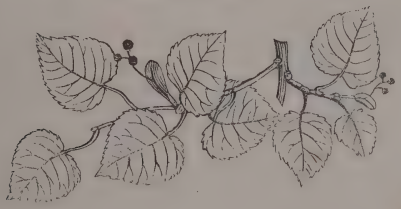
18 ft. high, 4 in. diam.

Tília europæ`a.

The European, *or common,* Lime tree.

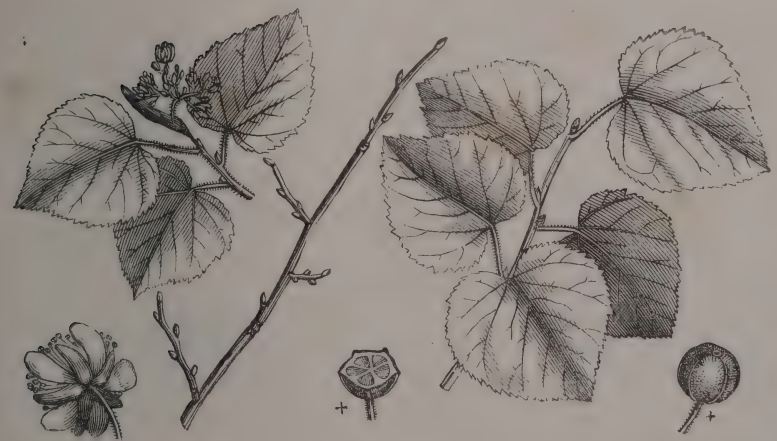


Full-grown tree at Studley Park, 125 ft. high, diam. of the trunk 6 ft., and of the head 75 ft.
[Scale 1 in. to 24 ft.]



The broad-leaved (European) Lime tree.

18 ft. high ; 6 in. diam.



Tília (*e.*) *platyphýlla minor.*

The smaller broad-leaved (European) Lime tree.

15 ft. high, 4 in. diam.

Tília (*e.*) *laciniàta.*

The laciniated-*leaved* (European) Lime tree.

14½ ft. high, 3 in. diam.

Tília (*e.*) *aúrea.*

The golden-*twigged* (European) Lime tree.

11 ft. high; 2½ in. diam.

Tília (*e.*) *alba.*

The white-*leaved* (European) Lime tree.

16 ft. high, 3 in. diam.

Tília americàna.

The American Lime tree.

13 ft. high, 3 in. diam.

Tília americàna laxiflòra.

The loose-flowered American Lime tree.

15 ft. high, 2½ in. diam.

Tília americàna pubéscens.

The downy-*leaved* American Lime tree.

14 ft. high, 4½ in. diam.

A`cer *tatáricum.*

The Tartarian Maple.

15 ft. high, 4 in. diam.

A'cer spicàtum.

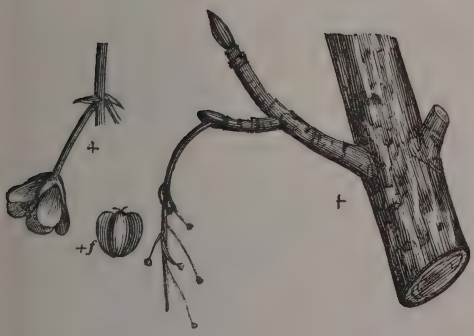
The spike-*flowered* Maple.

12½ ft. high, 3¼ in. diam.

A`cer striàtum.

The striped-*barked* Maple.

13 ft. high, 2¼ in. diam.

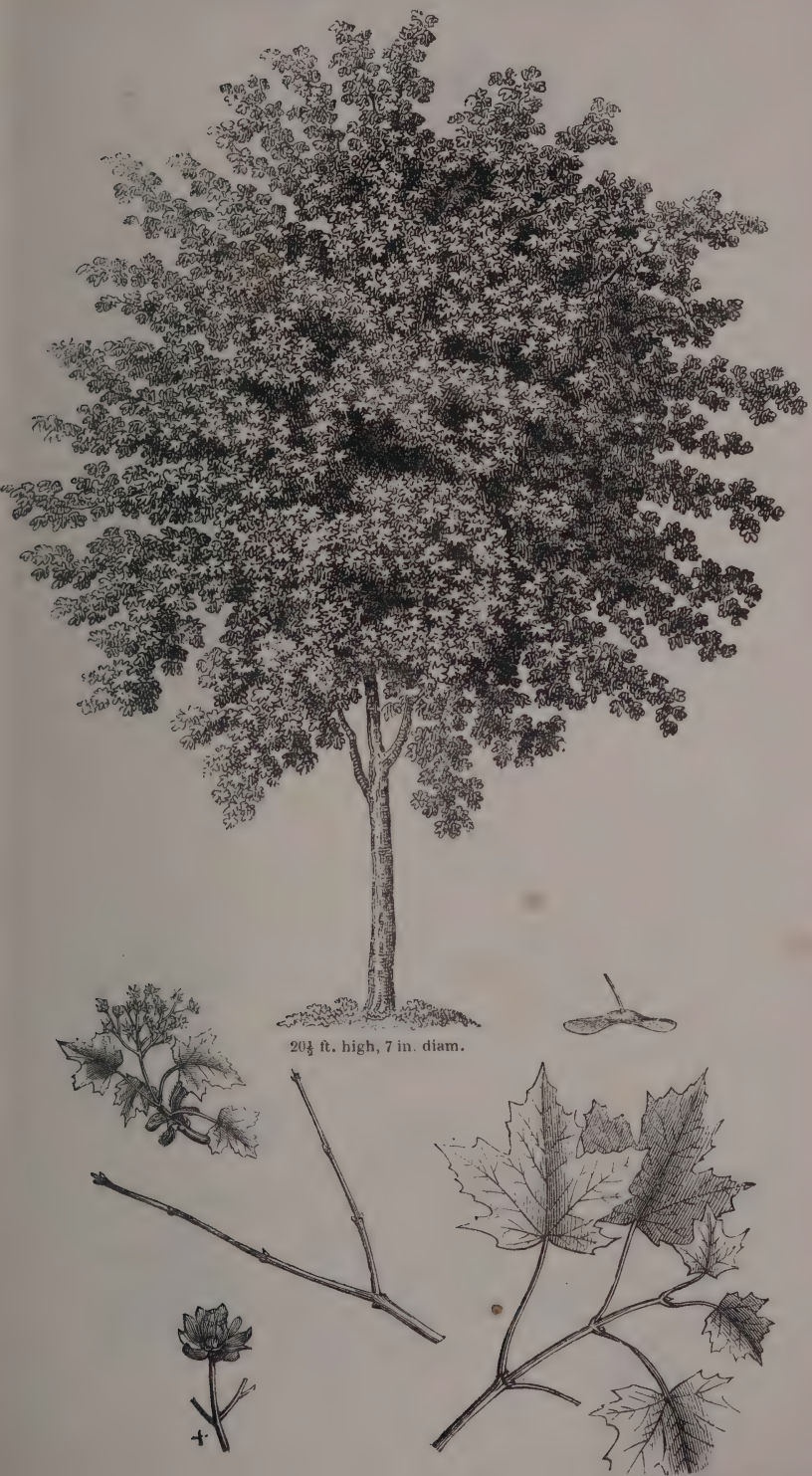


A'cer macrophýllum.

The large-leaved Maple.

21 ft. high, 3¾ in. diam.

The Platanus-like, *or Norway,* Maple.



20½ ft. high, 7 in. diam.

A\`cer *platanöïdes laciniàtum.*

The cut-*leaved* Platanus-like, *or Norway,* Maple.

16 ft. high, 3 in. diam.

A`cer saccharinum.

The Sugar Maple.

13 ft. high, 2 in. diam.

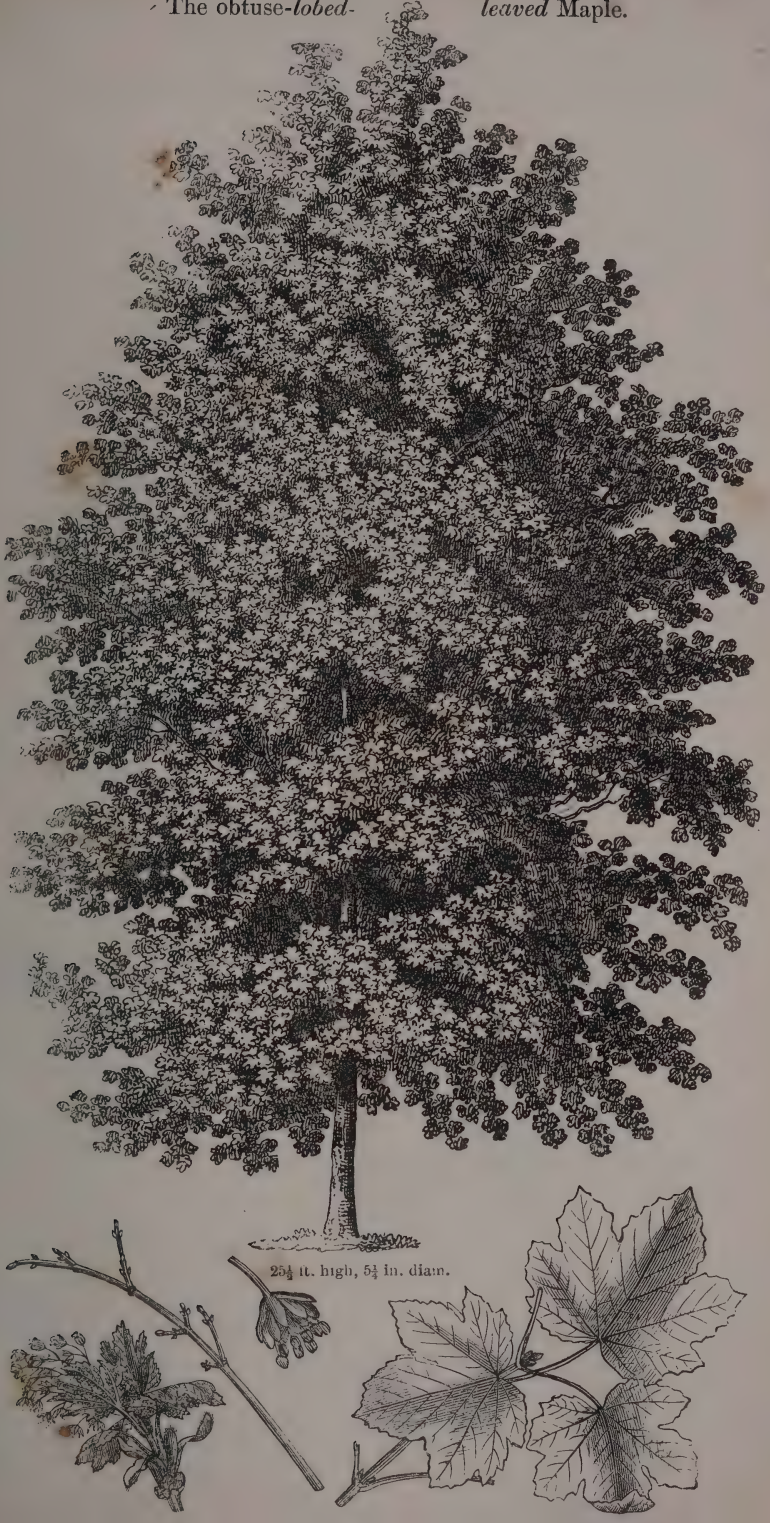
The *Sycamore*, or False Plane tree Maple.

A`cer *Pseùdo*-Plátanus.

The false Platanus, *or common* Sycamore.

Full-grown tree at Studley, 100 ft. high; diam. of the trunk 8 ft. 1 in., and of the head 91 ft. [Scale 1 in. to 24 ft.]

The obtuse-*lobed-* *leaved* Maple.



25½ ft. high, 5¼ in. diam.

A*cer opulifŏlium.

The Guelder-Rose-leaved Maple.

14½ ft. high. 3¼ in. diam.

A'*cer O'palus.*

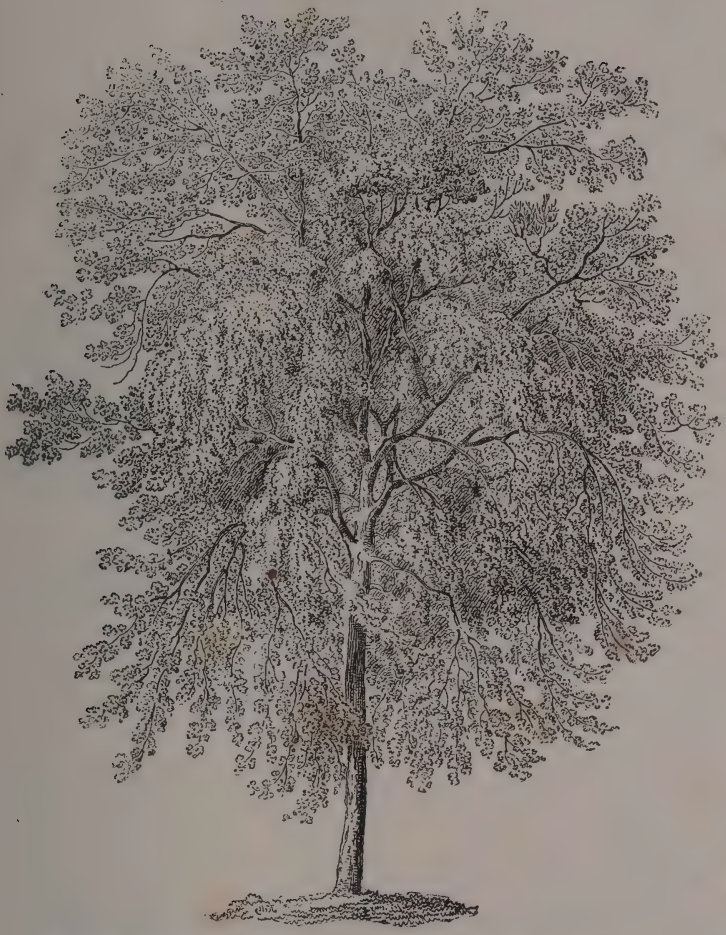
The Guelder-Rose-*like* Maple.

10 ft. high, 2⅓ in. diam.

32½ ft. high, 9 in. diam.

Acer eriocárpum.

The woolly-fruited Maple.



Full-grown tree at Kew, 56 ft. high ; diam. of the trunk 3 ft., and of the head 45 ft.
[Scale 1 in. to 12 ft.]

The red-*flowered* Maple.

21 ft. high, 5 in. diam.

A`cer rùbrum.

The red, *or Swamp,* Maple.

Full-grown tree at Kew, 36 ft. high ; diam. of the trunk 2½ ft., and of the head 30 ft.
[Scale 1 in. to 12 ft.]

A`cer monspessulànum.

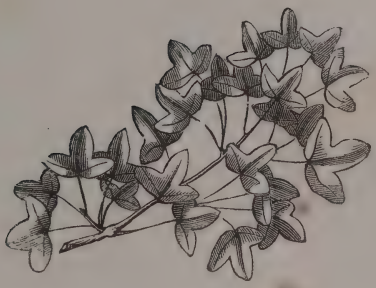
The Montpelier Maple.

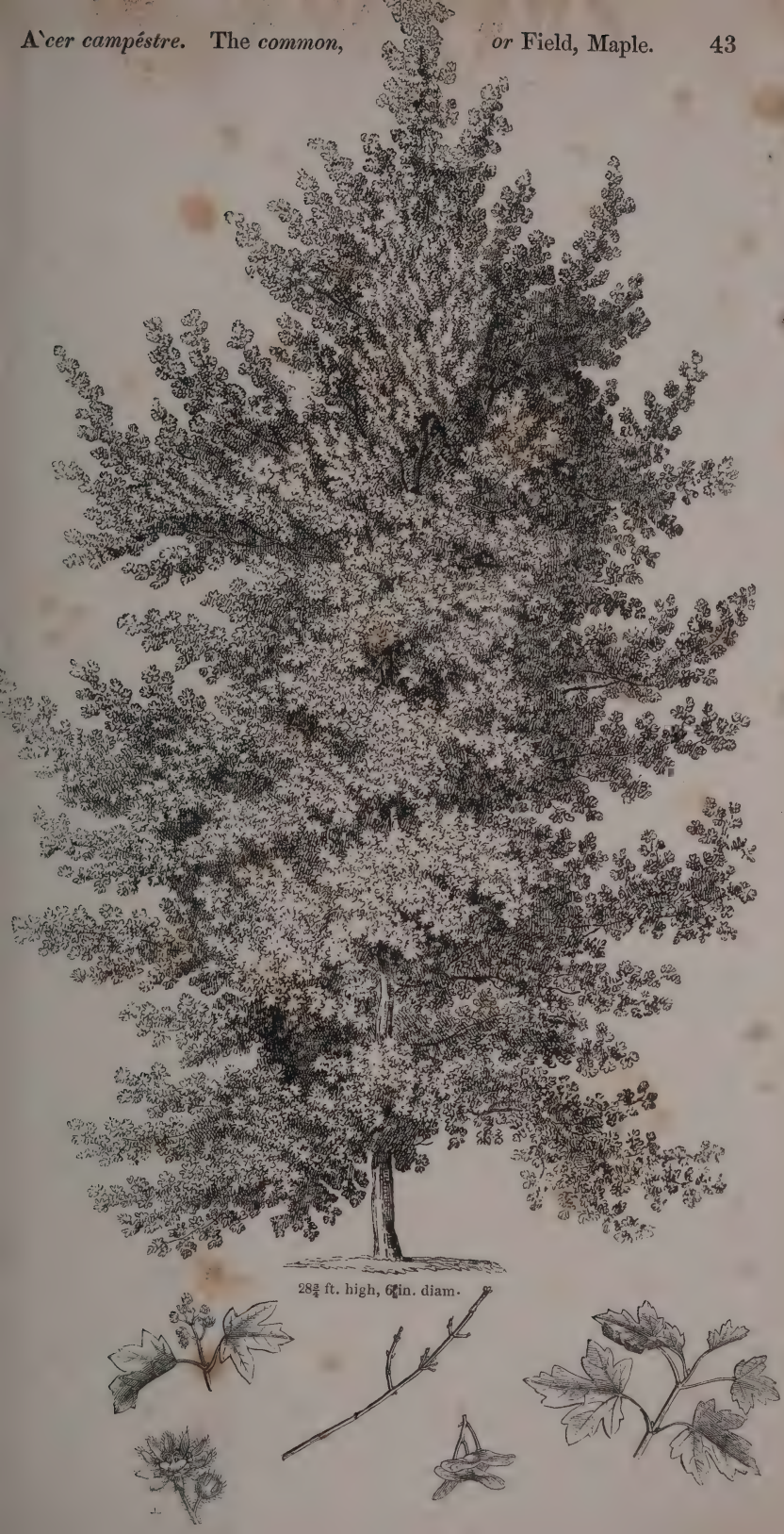
15 ft. high, 4 in. diam.

A`cer monspessulànum.

The Montpelier Maple.

Full-grown tree at Ham House, 30 ft. high ; diam. of the head 40 ft., and of the trunk 1½ ft.
[Scale 1 in. to 12 ft.]





28¾ ft. high, 6 in. diam.

The *common, or* Field, Maple.

Full-grown tree at Studley Park, 70 ft. high ; diam. of the trunk 5½ ft., and of the head 58 ft.
[Scale 1 in. to 12 ft.]

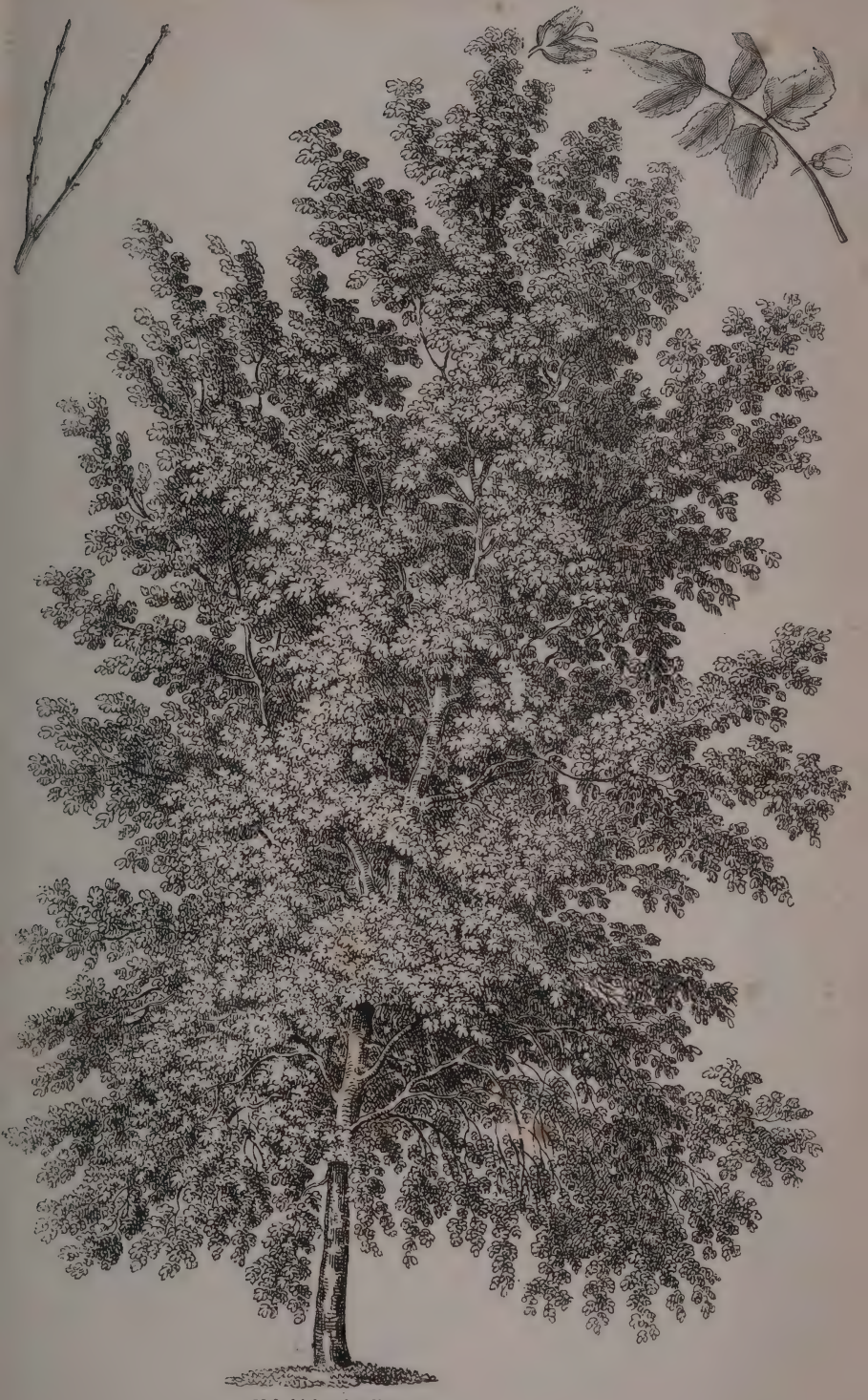
A`cer créticum.

The Cretan Maple.

Full-grown tree at Syon, 28 ft. high; diam. of the trunk 2½ ft., and of the head 48 ft.
[Scale 1 in. to 12 ft.]

Negúndo *fraxinifòlium.*

The Ash-leaved Box Elder.



30 ft. high, 8 in. diam.

The curled Ash-leaved Box Elder.

15¾ ft. high, 4½ in. diam.

Æ'sculus Hippocástanum.

The *common* Horsechestnut.

30½ ft. high, 8 in. diam.

The *common* Horsechestnut.

Full-grown tree at Forty Hill, Enfield, 62 ft. high; diam. of the trunk 4 ft., and of the head 48 ft. [Scale 1 in. to 12 ft.]

The reddish, *or* flesh-colour, *flowered* Horsechestnut.

16 ft. high, 4 in. diam.

Pàvia rùbra.

The red-*flowered* Pavia.

10 ft. high, 4½ in. diam.

Pàvia rùbra.

The red-*flowered* Pavia.

Full-grown tree at Syon, 26 ft. high ; several small trunks from the same root ; head 27 ft. diam. [Scale 1 in. to 12 ft.]

Pàvia hùmilis péndula.

The pendulous-*branched* Pavia.

11 ft. high, $2\frac{3}{4}$ in. diam.

Pàvia flàva.

The yellow-*flowered* Pavia, *or smooth-fruited Horsechestnut.*

15 ft. high, 6 in. diam.

Full-grown tree at Syon, 40 ft. high ; diam. of the trunk 1 ft. 4 in., and of the head 39 ft.

The large-fruited Pavia.

13 ft. high, 3 in. diam.

Kölreutèria paniculàta.

The panicled-*flowered* Kölreuteria.

14¾ ft. high, 3 in. diam.

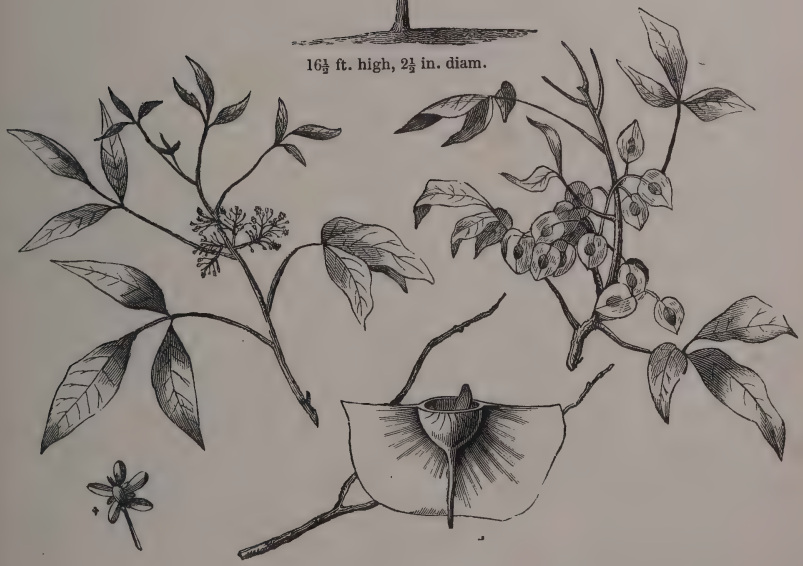
The Ash-*leaved* Toothache tree.

12 ft. high, 2½ in. diam.

Ptèlea trifoliàta.

The three-*leafleted*-leaved Shrubby Trefoil.

16⅓ ft. high, 2½ in. diam.



Ailántus *glandulōsa.*

The glandulous-*leaved* Ailantus.

32 ft. high, 8 in. diam.

Ailántus *glandulòsa.*

The glandulous-*leaved* Ailantus.

Full-grown tree at Syon, 71 ft. high.
[Scale 1 in. to 12 ft.]

Euónymus europæ`us.

The European, *or common,* Spindle tree.

10 ft. high, 2⅓ in. diam.

Euónymus latifòlius.

The broad-leaved Spindle tree.

12 ft. high, 2 in. diam.

The sharp-leaved, *or common*, Holly.

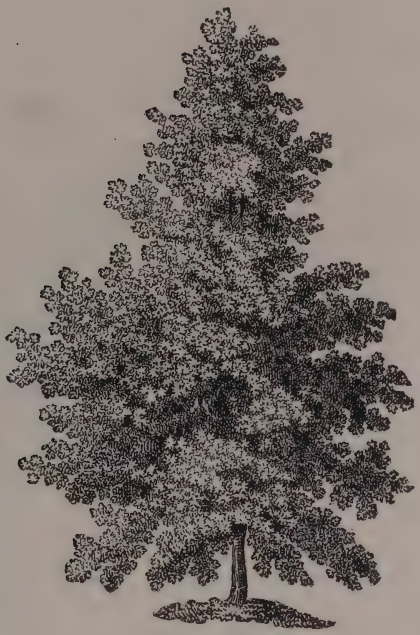
14 ft. high, 3¾ in. diam.

The sharp-leaved, *or common*, Holly.

Full-grown tree at Studley, 53 ft. 7 in. high.
[Scale 1 in. to 12 ft.]

Ilex opàca.

The opaque-*leaved* Holly.



12 ft. high, 2⅓ in. diam.

Ilex opàca.

The opaque-*leaved* Holly.

Full-grown tree at Syon, 18 ft. high ; diam. of the trunk 1 ft., and of the branches 23 ft.
[Scale 1 in. to 12 ft.]

Paliùrus aculeàtus.

The prickly Paliurus, *or Christ's Thorn.*

13½ ft. high, 2 in. diam.

Paliùrus aculeàtus.

The prickly Paliurus, *or Christ's Thorn.*

Full-grown tree at Syon, 33 ft. high ; diam. of the trunk 1 ft., and of the head 30 ft.
[Scale 1 in. to 12 ft.]

Rhámnus cathárticus.

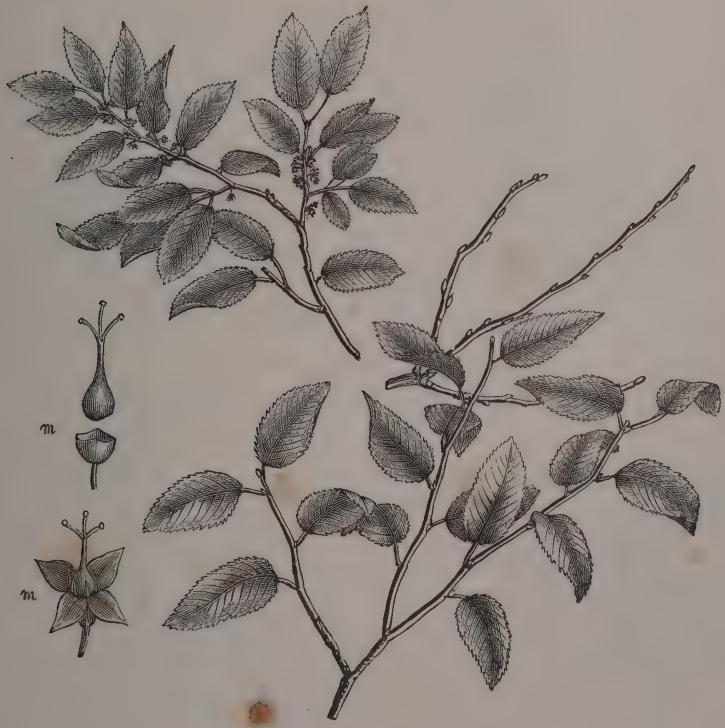
The purging Buckthorn.

12 ft. high, 3½ in. diam.

Rhámnus alpìnus.

The alpine Rhamnus.

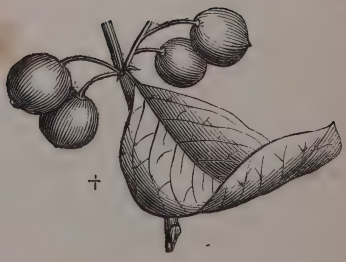
11 ft. high, 3 in. diam.



Rhámnus Frángula.

The brittle-wooded Buckthorn, *or Berry-bearing Alder.*

10 ft. high, 1½ in. diam.



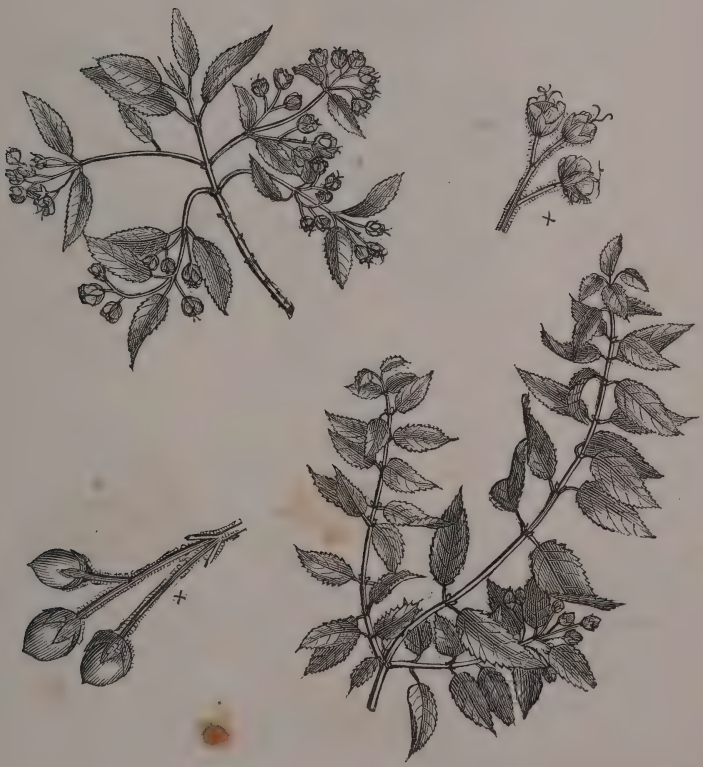
Rhámnus latifòlius.

The broad-leaved Buckthorn.

11 ft. high, 3½ in. diam.

The Macqui Aristotelia.

10 ft. high, 1½ in. diam.



The Japanese Sophora.

20 ft. high, 9 in. diam.

The Japan Sophora.

Full-grown tree at Syon, 57 ft. high; diam. of the trunk 4½ ft., and of the head 84 ft.
[Scale 1 in. to 12 ft.]

Sophòra *japónica péndula.*
The drooping-*branched* Japanese Sophora.

12 ft. high, 3 in. diam.

The yellow-*wooded* Virgilia.

17 ft. high, 8½ in. diam.

The *common* Laburnum.

15 ft. high, 5 in. diam.

Cýtisus Labúrnum quercifólium, or *incìsum.*

The Oak-leaved, *or* cut-*leaved,* Laburnum.

15 ft. high, 3 in. diam.

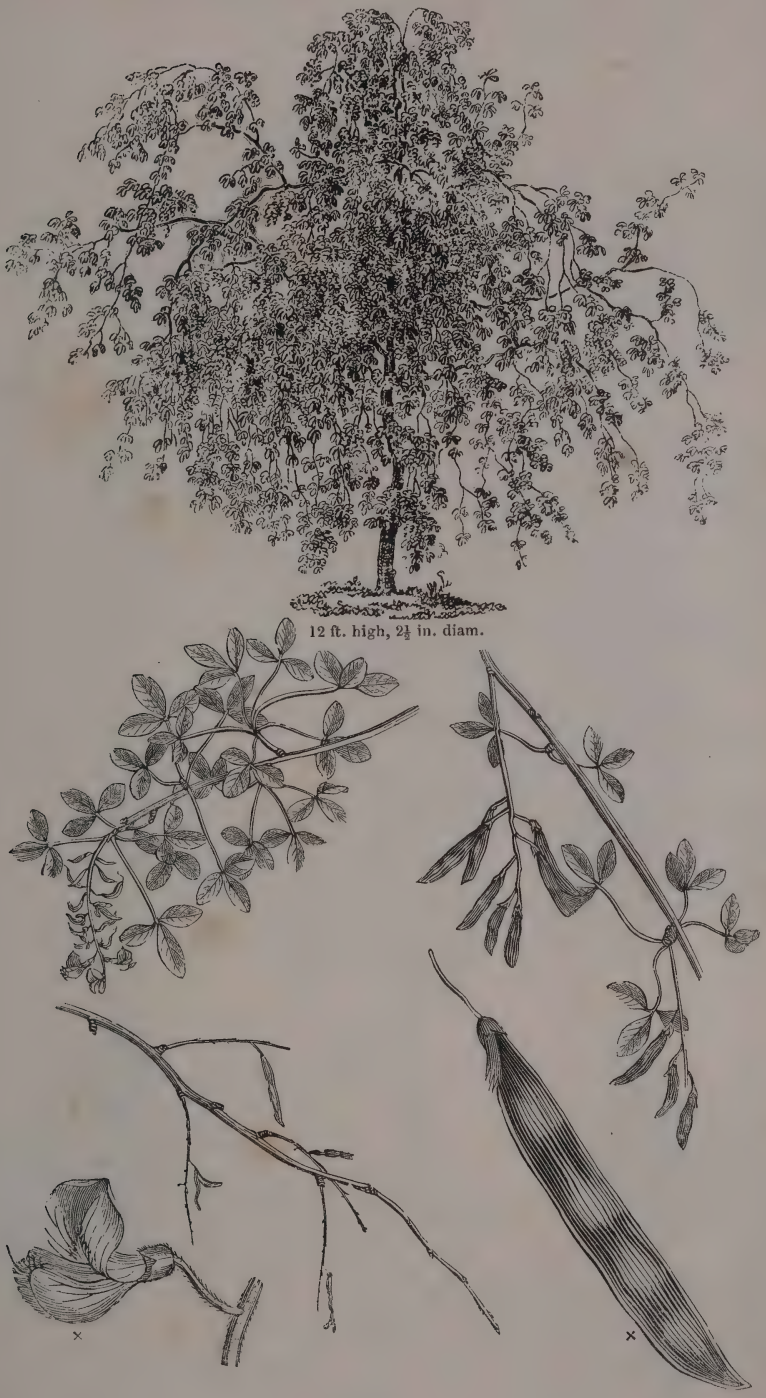
Cýtisus alpìnus.

The alpine Cytisus, *or Scotch Laburnum.*

12 ft. high, 3½ in. diam.

Cýtisus alpìnus péndulus.

The pendulous alpine, *or Scotch,* Laburnum.



12 ft. high, 2½ in. diam.

The Robinia, *or* False Acacia.

25 ft. high, 6 in. diam.

Full-grown tree at Kenwood, 72 ft. high.
[Scale 1 in. to 12 ft.]

The Umbrella, *or Parasol,* Robinia *or* False Acacia.

14 ft. high, 3 in. diam.

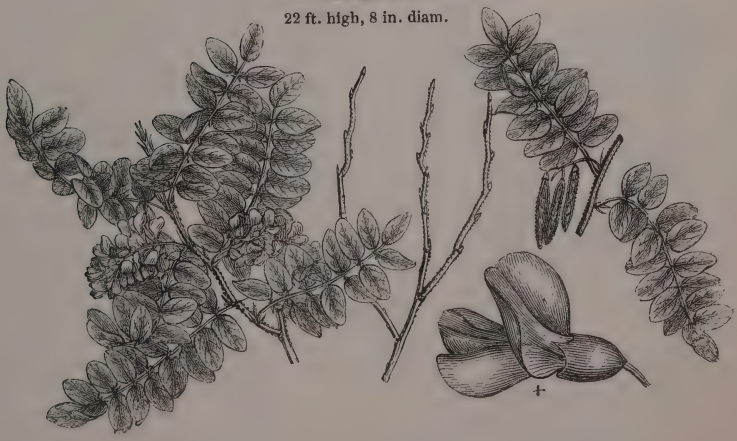
Robínia Pseùd-Acàcia tortuòsa.

The twisted-*leaved* Robinia *or* False Acacia.

12 ft. high, 3⅓ in. diam.

The clammy Robinia.

22 ft. high, 8 in. diam.



Robínia híspida macrophýlla.

The large-leaved Robinia, *or Rose Acacia.*

8½ ft. high, 2½ in. diam.

Caragàna *arboréscens.*

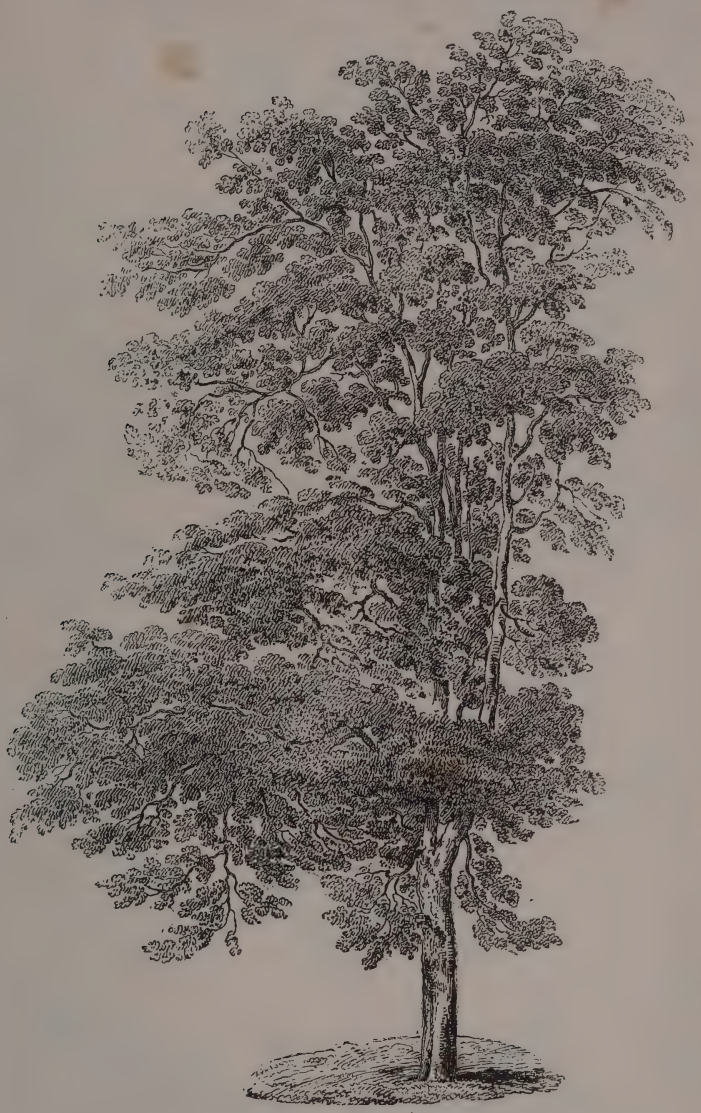
The arborescent Caragana, *or Siberian Pea tree.*

11 ft. high, 3 in. diam.

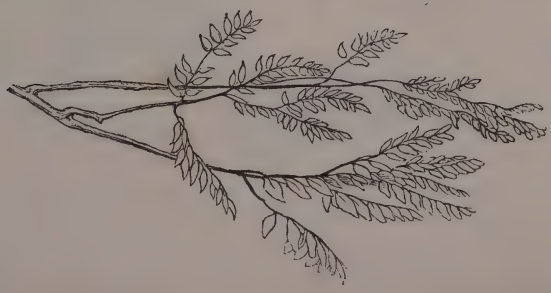
The three-spined Gleditschia, *or Honey Locust.*

19½ ft. high, 3½ in. diam.

The three-thorned Gleditschia, *or Honey Locust.*



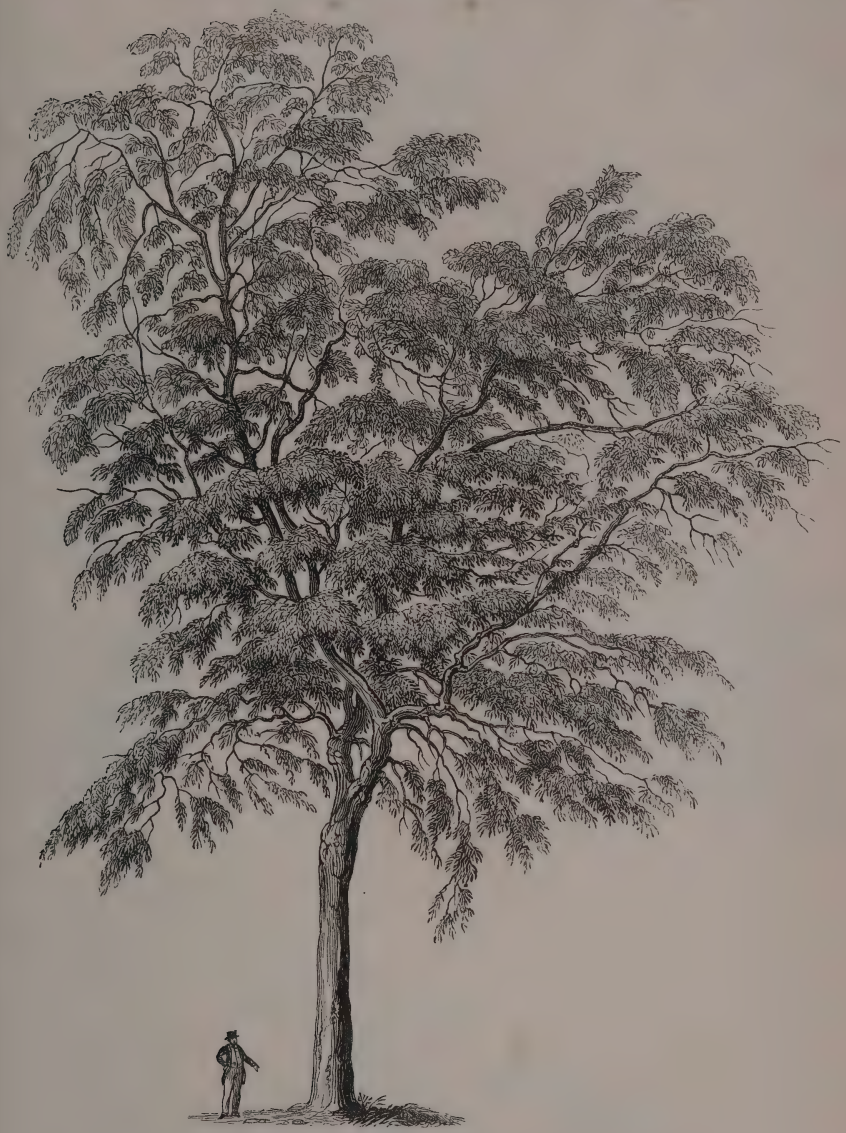
Full-grown tree at Syon, 68 ft. high; diam. of the trunk 2 ft. 3 in., and of the head 40 ft.
[Scale 1 in. to 12 ft.]



The unarmed, *or thornless,* Gleditschia, *or Honey Locust.*

20 ft. high, 4 in. diam.

The unarmed Gleditschia, *or Honey Locust.*



Full-grown tree at Syon, 72 ft. high ; diam. of the trunk 2 ft. 4 in., and of the head 71 ft.
[Scale 1 in. to 12 ft.]

The Chinese, *or* horrid-*spined*, Gleditschia.

Full-sized tree at Syon, 54 ft. high; diam. of the trunk 3 ft., and of the head 54 ft.

Gleditschia japónica.

The Japan Gleditschia.

10 ft. high, 2¼ in. diam.

The dwarf horrid-*spined* Gleditschia, *or Honey Locust.*

Gleditschia hórrida purpùrea.

The purple horrid-*spined* Gleditschia, *or Honey Locust.*

12 ft. high. 2 in. diam.

The long-spined Gleditschia, *or Honey Locust.*

Full-grown tree at Syon, 57 ft. high ; diam. of the trunk 3 ft., and of the head 63 ft.
[Scale 1 in. to 12 ft.]

The Canadian Gymnocladus, *or Kentucky Coffee tree.*

17 ft. high, 2½ in. diam.

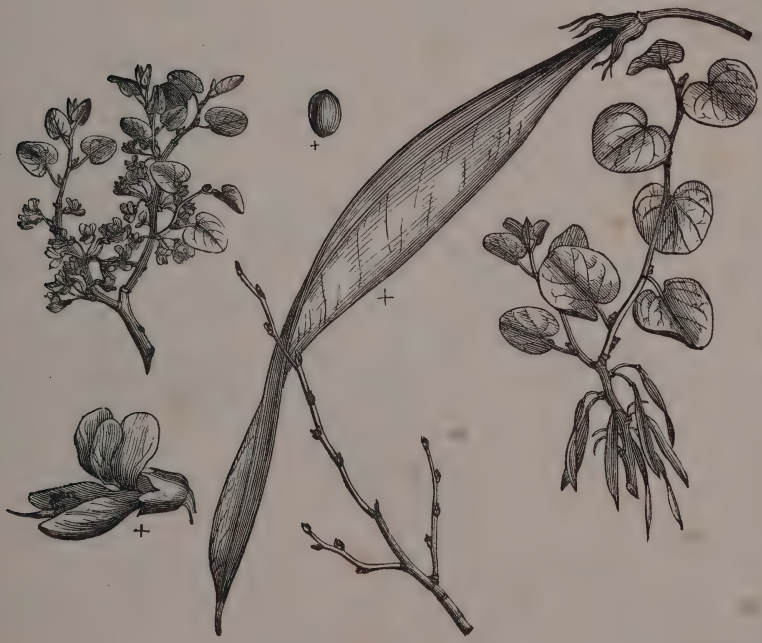
The Canadian Gymnocladus, *or Kentucky Coffee tree.*

Full-grown tree at Syon, 57 ft. high; diam. of the trunk 3 ft., and of the head 47 ft.
[Scale 1 in. to 12 ft.]

Cércis Siliquástrum.

The *common* Judas tree.

11 ft. high, 3¼ in. diam.



Cércis Siliquástrum.

The *common* Judas tree.

Full-grown tree at Syon, 24 ft. high ; diam. of the trunk 2 ft., and of the head 32 ft.
[Scale 1 in. to 12 ft.]

Cércis canadénsis.

The Canadian Judas tree.

10 ft. high, 2 in. diam.

Acàcia dealbàta.

The whitened Acacia.

18 ft. high, 3 in. diam.